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Claim 33. (New) The relative pressure sensor as claimed in claim 30, wherein:

said filter element comprises one of:

a ceramic, metallic and organic material.

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Claim 34. (New) The relative pressure sensor as claimed in claim 34, wherein:

said chamber is hermetically sealed from its environment; and

additionally, at least one electronic component is arranged in said chamber.

Claim 36 (New) The relative pressure sensor as claimed in claim 19, wherein:

said winding path extends spirally or helically.